

Circuit for supplying voltage to and controlling operating characteristics of light emitting diode(s) has inverter with power switches with variable switching frequency for brightness control

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Patent number: DE10013207
Publication date: 2001-09-20
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Classification:
- international: H05B37/02; F21Y101/02
- european: H05B33/08D2S
Application number: DE20001013207 20000317
Priority number(s): DE20001013207 20000317

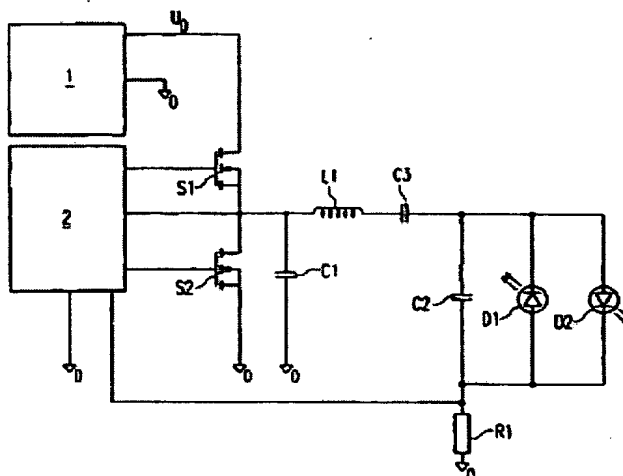
Also published as:

WO0169978 (A1)
US6826059 (B2)
US2003043611 (A1)

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Abstract of DE10013207

The circuit has at least one inverter connected to a d.c. source (1) and of variable output frequency with at least two controllable power switches (S1,S2) for converting the d.c. supply voltage into an alternating voltage and a load circuit connected to the inverter output and with a resonance element and at least one LED (D1,D2). The switching frequency of the power switches is variable to control LED brightness. Independent claims are also included for the following: a method of supplying voltage to and controlling the operating characteristics of at least one light emitting diode.



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